

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3104	((313/141,142,143,123,118,127) or (123/169R,169el,169p)).CCLS.)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/05/13 09:21
L2	525	spark adj plug and ((protect\$3 wear\$3 erosion damage anti\$3spark\$3) same ((central center) near3 electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 09:21
L3	238	L1 and L2	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/05/13 09:21
L4	238	L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 09:48
L5	2	("20020109447").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/05/13 09:32
L9	0	("2002/0109447").URPN.	USPAT	OR	ON	2005/05/13 09:45
L10	0	"10082213"	USPAT	OR	ON	2005/05/13 09:45
L11	0	"10082213".appl.	USPAT	OR	ON	2005/05/13 09:45
L12	0	"10082213".ap.	USPAT	OR	ON	2005/05/13 09:46
L13	3	macchiarolo.xa. and spark near plug	USPAT	OR	ON	2005/05/13 09:46
L14	2	("6611084").URPN.	USPAT	OR	ON	2005/05/13 09:46
L15	17	4 and (@pd > "20041130")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 09:48
S1	4	macchiarolo.xa. and plug	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 16:35
S2	2	("20020109447").PN.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/23 17:45
S3	5	("4845400" "5239225" "5793151" "6064143" "6316868").PN.	USPAT	OR	ON	2004/06/23 17:51

S4	2	("6552476").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/24 09:09
S5	3	("6617706").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/24 09:24
S6	11	("5189333" "5448130" "5502351" "5581145" "5793151" "5866972" "5873338" "5929556" "5990602" "6095124" "6208066").PN.	USPAT	OR	ON	2004/06/24 09:11
S7	2	("6316868").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/24 09:35
S8	2	("6229253").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/24 09:36
S9	2	("6335587").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/24 09:36
S10	2647	((313/141,142,123,118,127) or (123/169R,169el,169p)).CCLS.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/06/24 09:43
S11	96	((313/141,142,123,118,127) or (123/169R,169el,169p)).CCLS.) and ((spark near (erosion wear) (anti\$3spark))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 17:22
S12	1	("6597089").PN.	USPAT; USOCR	OR	OFF	2004/06/24 10:31
S13	13	("5440198" "5461275" "5866972" "5877584" "5929556" "5973443" "5977695" "6064144" "6078129" "6093071" "6215235" "6316868" "6337533").PN.	USPAT	OR	ON	2004/06/24 10:45
S14	2	("5693999" "6091185").PN.	USPAT	OR	ON	2004/06/24 11:15
S15	0	"6611084".URPN.	USPAT	OR	ON	2004/06/24 11:26
S16	5	("4845400" "5239225" "5793151" "6064143" "6316868").PN.	USPAT	OR	ON	2004/06/24 11:27

S17	3	((((313/141,142,123,118,127) or (123/169R,169el,169p)).CCLS.) and ((spark near (erosion wear)) (anti\$3spark))) and (second near ground near electrode)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/06/24 14:39
S18	0	"6335587".URPN.	USPAT	OR	ON	2004/06/24 16:00
S19	2	("5693999" "6091185").PN.	USPAT	OR	ON	2004/06/24 16:00
S20	266	(spark near plug) and ((spark near (erosion wear)) (anti\$3spark))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 15:58
S21	173	((spark near plug) and ((spark near (erosion wear)) (anti\$3spark))) not (((313/141, 142,123,118,127) or (123/169R, 169el,169p)).CCLS.) and ((spark near (erosion wear)) (anti\$3spark)))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/06/24 16:34
S22	0	"2001185323".URPN.	USPAT	OR	ON	2004/06/24 16:17
S23	1	2000-352365.NRAN.	DERWENT	OR	OFF	2004/06/24 16:33
S24	1	("6617706").PN.	USPAT; USOCR	OR	OFF	2004/06/24 16:34
S25	9	(spark near plug) and ((spark near (erosion wear)) (anti\$3spark)) and @pd > "20040629"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 16:34
S26	2	("20030001474").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2004/11/18 16:34
S28	1	"6335587"	USPAT	OR	ON	2004/11/18 16:43
S29	0	("2003001474").PN.	USPAT	OR	OFF	2004/11/18 16:44
S30	0	("2003001474").PN.	USPAT	OR	OFF	2004/11/18 16:44
S31	1	("2003001474").PN.	US-PGPUB	OR	OFF	2004/11/18 16:59
S32	1	de-3926560-\$ did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 16:59
S33	2	de-3926560-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/18 17:00
S34	1	1991-052147.NRAN.	DERWENT	OR	ON	2004/11/18 17:00
S35	11	"3926560"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/18 17:19

S36	10325	spark adj plug and (protect\$3 wear\$3 erosion damage anti\$3spark\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/18 17:20
S37	1643	spark adj plug and ((protect\$3 wear\$3 erosion damage anti\$3spark\$3) same electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/18 17:21
S39	3053	((313/141,142,143,123,118,127) or (123/169R,169el,169p)).CCLS.)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 17:24
S41	502	spark adj plug and ((protect\$3 wear\$3 erosion damage anti\$3spark\$3) same ((central center) near3 electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 09:21
S42	221	S39 and S41	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2004/11/18 17:33
S43	1	("5497045").PN.	USPAT	OR	OFF	2004/11/18 17:41
S44	1	("6724133").PN.	USPAT	OR	OFF	2004/11/18 17:41
S45	8	("4514657" "5448130" "5461276" "5497045" "5563468" "5574329" "6121719" "6316868").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/18 17:43
S46	0	("6724133").URPN.	USPAT	OR	ON	2004/11/18 17:45
S47	1	("6611084").URPN.	USPAT	OR	ON	2004/11/19 10:02
S48	5	("4845400" "5239225" "5793151" "6064143" "6316868").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/19 10:03
S49	8	("4514657" "5448130" "5461276" "5497045" "5563468" "5574329" "6121719" "6316868").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/19 10:42
S50	0	("6724133").URPN.	USPAT	OR	ON	2004/11/19 10:50